

FIG. 1
(PRIOR ART)

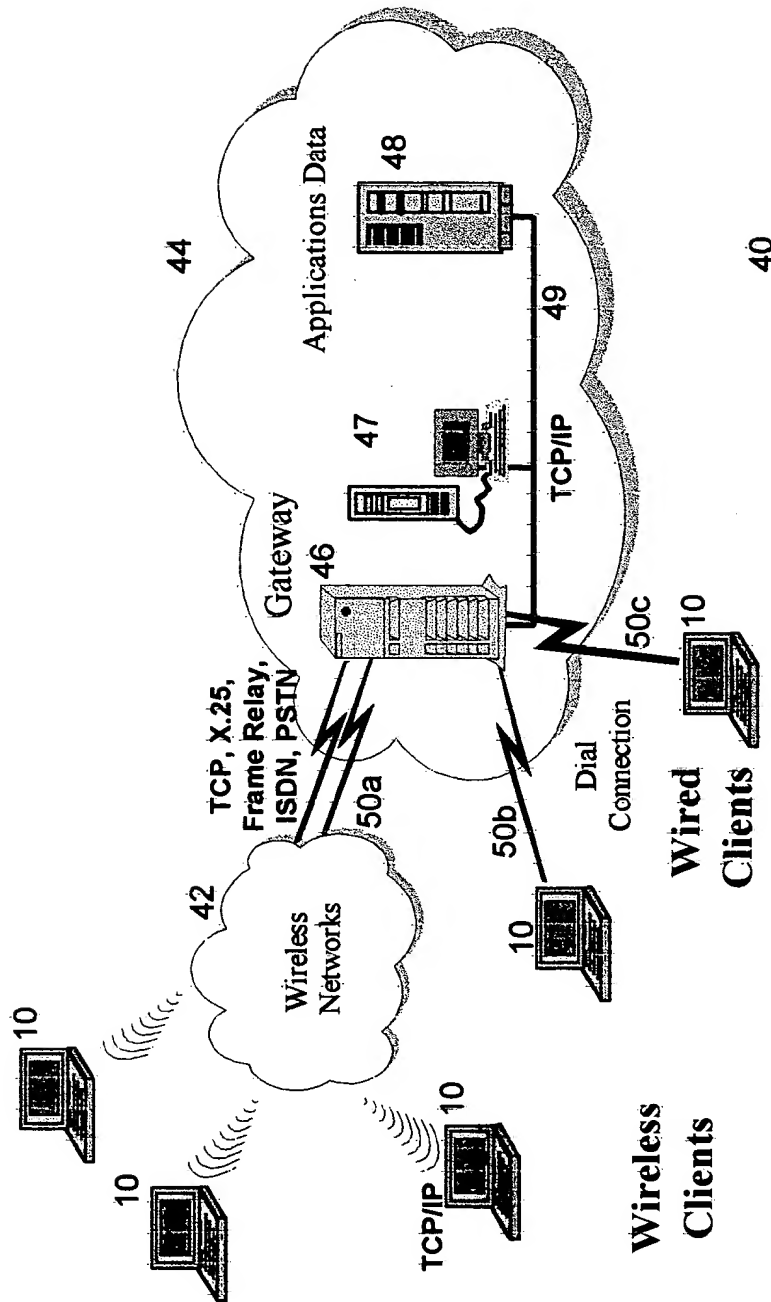


FIG. 2
(PRIOR ART)

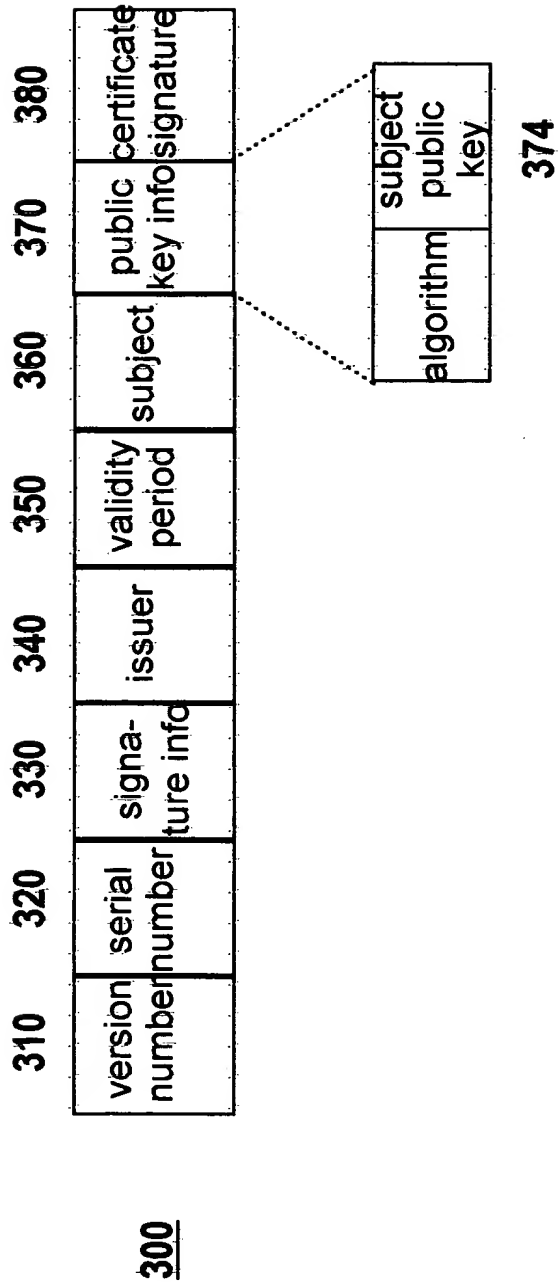


FIG. 3

FIG. 4

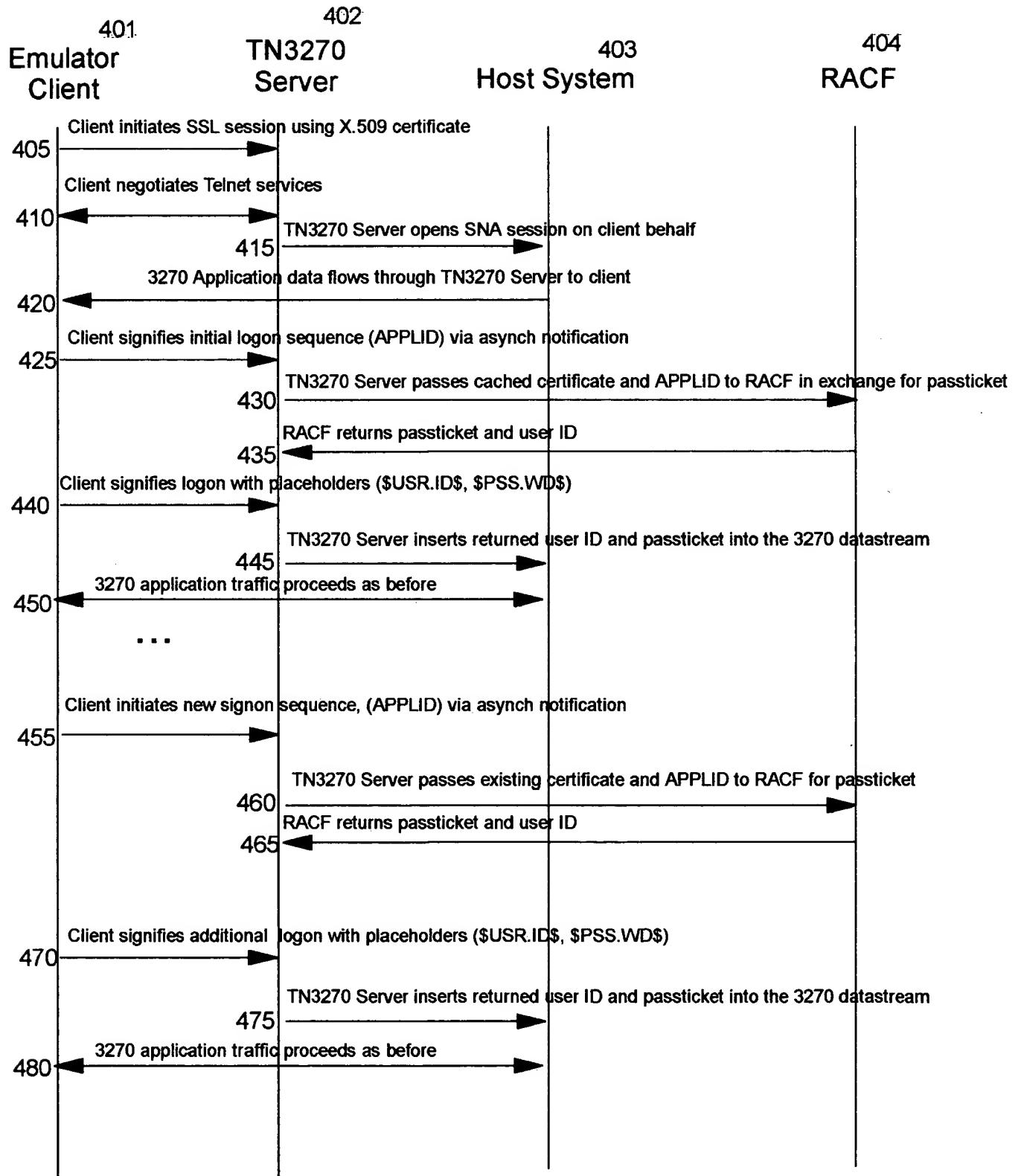


FIG. 5

Client

Server

Telnet negotiations in progress between Client and Server...

<-- IAC DO NEW-ENVIRON

IAC WILL NEW-ENVIRON -->

<-- IAC SB NEW-ENVIRON SEND
USERVAR PASSTICKET
USERVAR APPLID
IAC SE

510

IAC SB NEW-ENVIRON IS -->
USERVAR PASSTICKET VALUE YES
USERVAR APPLID VALUE
IAC SE

...

Finish Telnet negotiations.

Server sends USS MSG10.

Client starts Logon macro

IAC SB NEW-ENVIRON INFO --->
USERVAR APPLID VALUE RALVMS
IAC SE

525

...

IAC SB NEW-ENVIRON INFO --->
USERVAR APPLID VALUE TSO1
IAC SE

555

Downloaded by [unclear]

FIG. 6

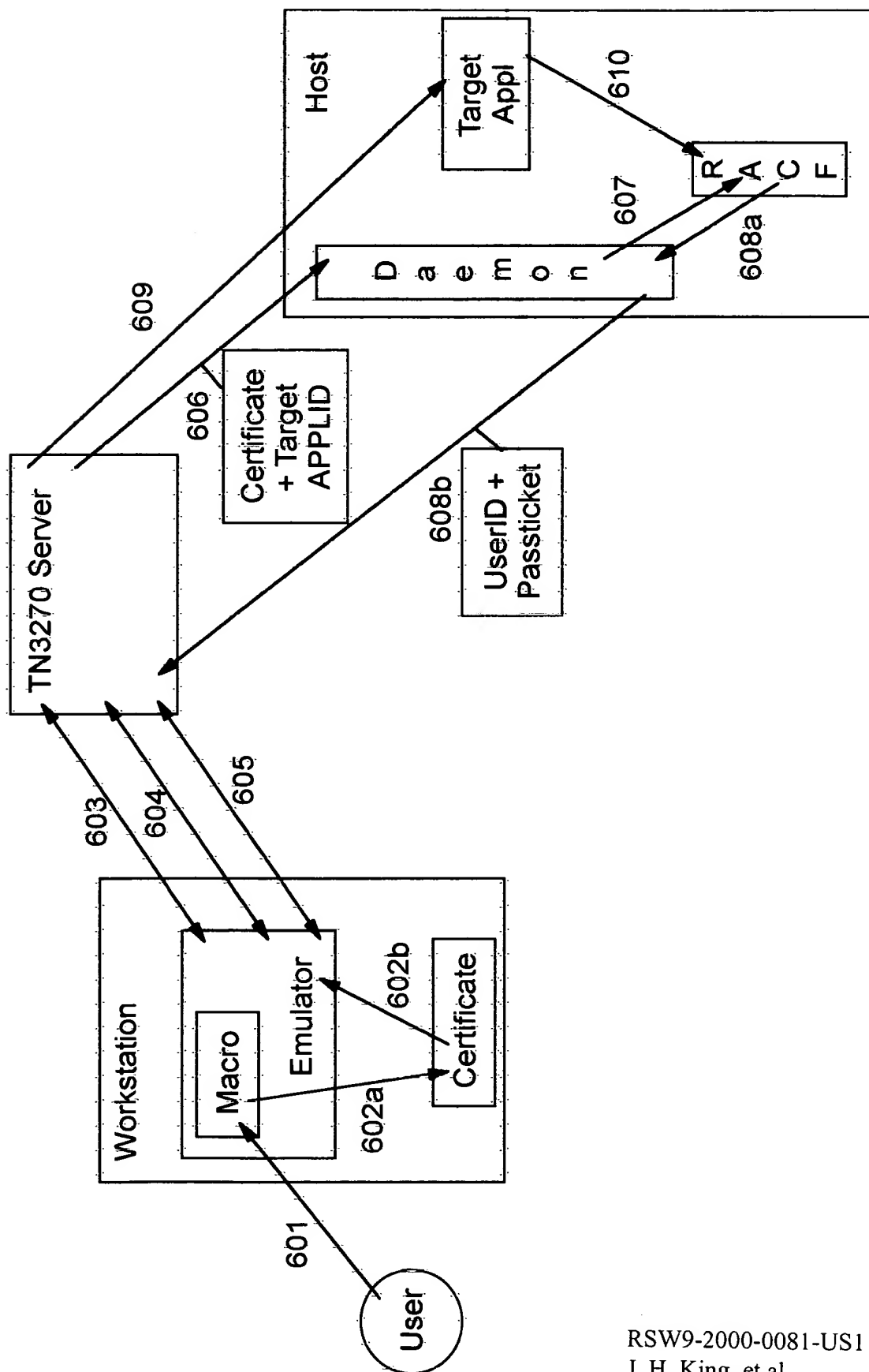


FIG. 7

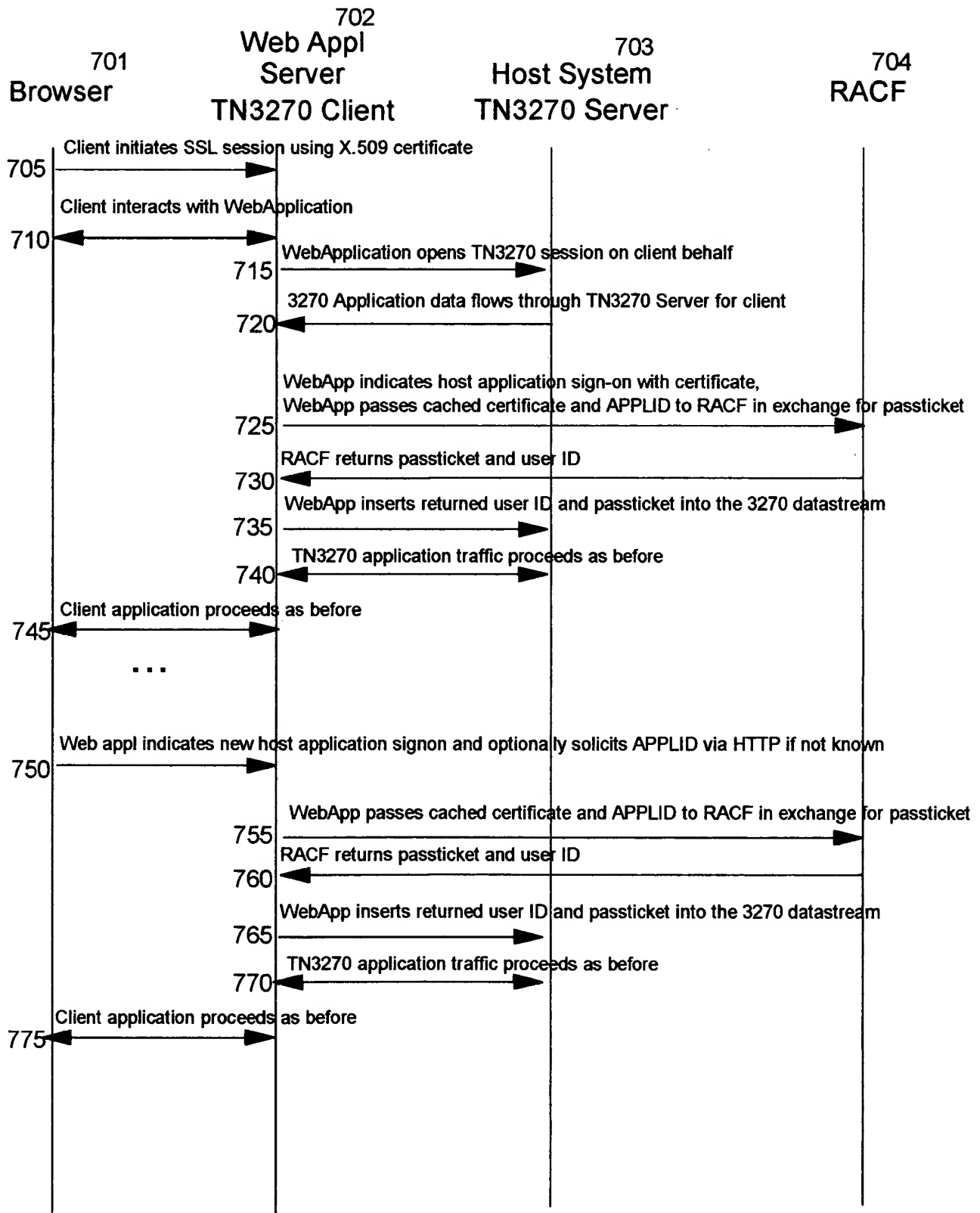


FIG. 8

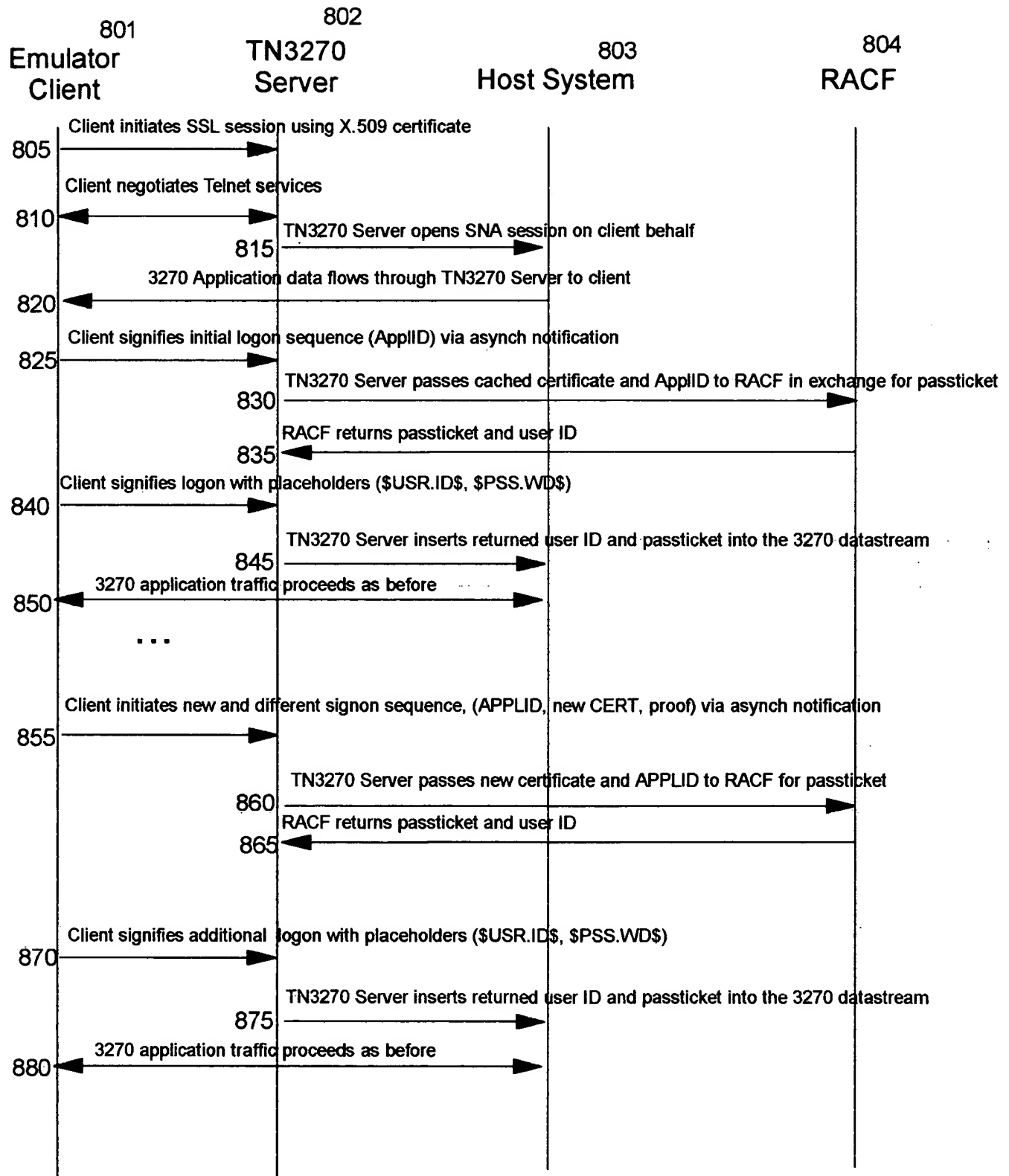


FIG. 9

Client

Server

Telnet negotiations in progress between Client and Server...

<-- IAC DO NEW-ENVIRON

IAC WILL NEW-ENVIRON -->

<-- IAC SB NEW-ENVIRON SEND
USERVAR PASSTICKET
USERVAR APPLID
USERVAR CERTIFICATE
USERVAR RSEEDrandomvalue
USERVAR AUTHINFO
IAC SE

IAC SB NEW-ENVIRON IS -->
USERVAR PASSTICKET VALUE YES
USERVAR APPLID VALUE
USERVAR CERTIFICATE VALUE
USERVAR RSEEDrandomvalue VALUE
USERVAR AUTHINFO VALUE
IAC SE

...
Finish Telnet negotiations.

Server sends USS MSG10.

Client starts Logon macro

IAC SB NEW-ENVIRON INFO ---->
USERVAR APPLID VALUE RALVMS
IAC SE

...
IAC SB NEW-ENVIRON INFO ---->
USERVAR APPLID VALUE TSO1

USERVAR CERTIFICATE VALUE <certificate contents>
USERVAR AUTHINFO <random || sequence number || applid value>
IAC SE

910
0904591E-074900

925

955